Digital photo frame

User manual

SPF-87H
SPF-107H

Click

Read this manual thoroughly for proper use and maintenance instructions.

The images and screen shots used in this manual are from the SPF-87H.

Instructional icons

Before you start, familiarize yourself with the icons you will see in this manual:

⚠ **Caution**	**Caution** - situations that could cause damage to your device or other equipment
NOTE	**Note** - notes, usage tips, or additional information
[ ]	**Square brackets** - device keys; for example: [⏻] (represents the Power key)

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- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.

# Contents

Safety precautions

WARNING:

- TO PREVENT ELECTRIC SHOCK, DO NOT OPEN OR REMOVE THE COVER OR BACK OF THE FRAME. THERE ARE NO USER-SERVICEABLE PARTS INSIDE. ALLOW ONLY QUALIFIED PERSONNEL TO SERVICE THIS FRAME.
- TO PREVENT FIRE, KEEP THIS FRAME AWAY FROM ALL OPEN FLAMES, SUCH AS CANDLES, AT ALL TIMES.

- The slots and openings in the frame provide needed ventilation. To ensure reliable operation and prevent overheating, these openings must not be blocked or covered:
  - Do not cover the slots or openings.
  - Do not block the slots or openings by placing the frame on soft surfaces, such as beds, sofas, or rugs.
  - Do not place the frame in an enclosed space, such as a bookcase or cabinet, without proper ventilation.

- Do not place the frame near or on sources of heat, such as radiators, or in direct sunlight.

- Do not allow the frame to come in contact with water. Do not place the frame near sources of water, such as bathtubs or sinks, or where water or other liquids may splash or drip on the frame. If the frame gets wet, unplug the frame immediately and contact the dealer or an authorized service center.

- Do not overload wall outlets, extension cords, or adaptors beyond their intended capacity, as this may result in fire or electrical shock.

- Route all power supply cords away from traffic areas and other objects so that they are not likely to be stepped on or pinched by items placed on or against them. Ensure that wires are not twisted or pinched at plug ends or adapter connections.

- During electrical storms or when the frame will be unattended and unused for extended periods of time, unplug the frame from the wall. This will prevent damage to the frame from electrical surges.

- Before connecting the power cord, make sure that the voltage designation of the frame corresponds to the local electrical supply.

Safety precautions

- Never insert any metal objects into the open parts of this frame, as this may result in electrical shock.Ensure that the power cord is completely plugged in when using this frame. Grasp the plug firmly when removing the power cord and never touch the power cord with wet hands.

- If you notice any unusual operation, such as unusual sounds or burning smells coming from the frame, unplug it immediately and contact the dealer or an authorized service center.

- It is not recommended to install the frame in a location where it will be exposed to heavy dust, high or low temperatures, high humidity, or chemical substances or where it operates continuously.

- Use only properly grounded plugs and outlets when connecting this frame. Improper grounding may cause electrical shock or damage to equipment.

- Keep this frame and all accessories out of the reach of children.

- Do not install the frame in unstable locations, such as improperly mounted shelves, angled surfaces, or where the frame may be exposed to vibration.

- Do not drop the frame or subject the frame to any strong impacts. If the frame is damaged, disconnect the power cord and contact a dealer or an authorized service center.

- Always unplug the power cord when cleaning the frame. Use only a soft, dry cloth to wipe frame. Do not expose the frame to any chemicals, such as waxes, benzene, alcohol, thinners, insecticides, air fresheners, lubricants, or detergents, as these may damage the frame's finish and void your warranty.
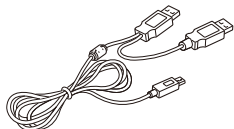
Get started

What's in the box
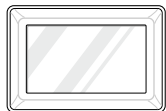
| Digital frame | Power cable/Adapter | USB cable (for SPF-87H) | USB cable (for SPF-107H) | User manual/Warranty |
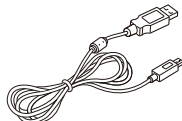
Get to know your frame

Buttons

Button	Description
	Turn the frame on or off
MENU	Access menus
	Scroll through menus or items (up/down/left/right)
	Select menus or items
	Return to the previous screen
	Play or stop a slideshow

USB cable port

SAMSUNG

USB memory device port

Power cable port

SD memory card slot
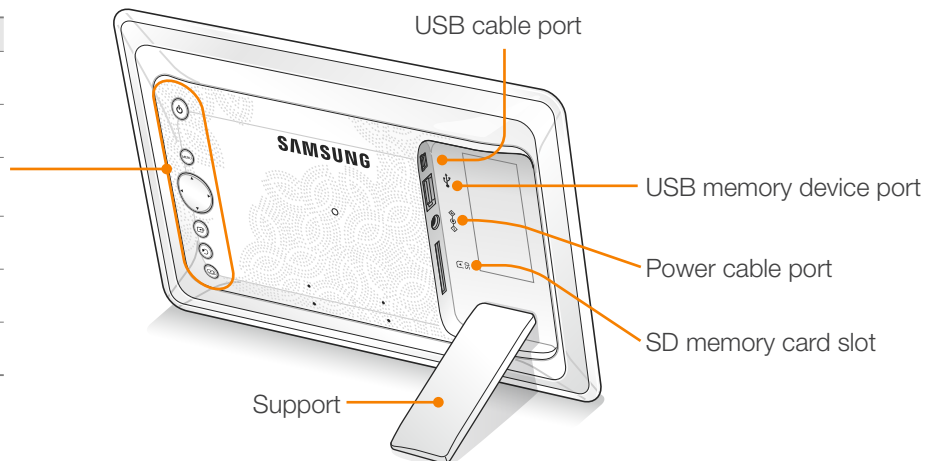
Support

Set up your frame
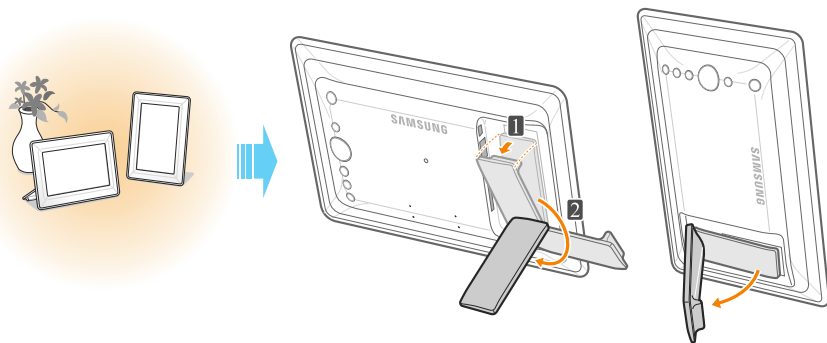
Caution Do not put too much pressure on the support or force it to rotate in the wrong direction. The support may be broken.

Connect the adapter and turn the power on

Press [⏻] to turn the frame on. The photos stored in the frame will be displayed in a slideshow.
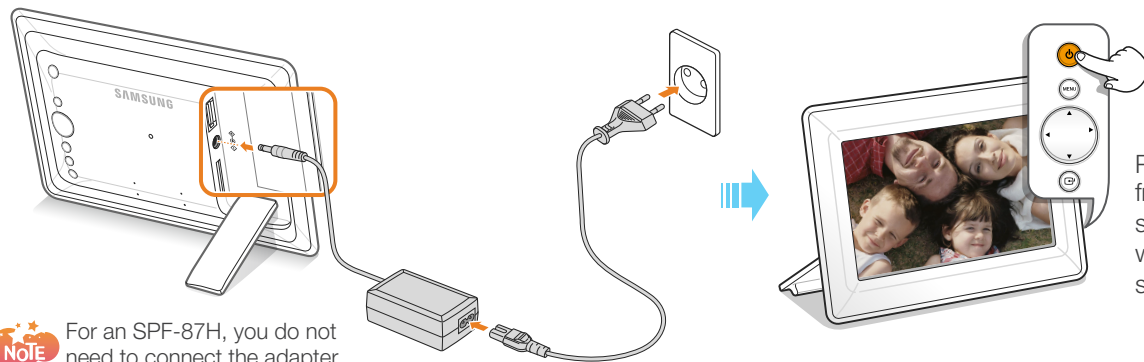
NOTE For an SPF-87H, you do not need to connect the adapter when the frame is connected to a PC with the USB cable.

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Connect external memory devices

You can connect USB memory devices or SD memory cards to the frame.
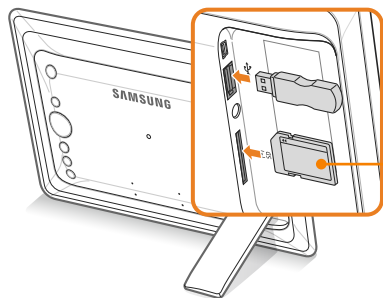
Insert an SD memory card with the metal contacts facing the device. Push the cord in until you hear a clicking sound.
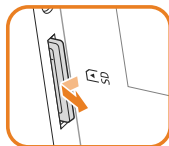
To remove the SD memory card, push it lightly to disengage it from the frame and then slide it out.

NOTE
- If you connect an external memory device while the power is on, a slideshow will start automatically and display the photos stored in the external memory device.
- Recommended memory capacities for different types of SD memory cards

SD	Up to 2 GB
microSD	Up to 2 GB
miniSD	Up to 256 MB
SDHC	Up to 16 GB
microSDHC	Up to 8 GB

Connect to a PC

You can download photos (p. 10) or use the frame as a mini-monitor by connecting to a PC.

Example: SPF-87H
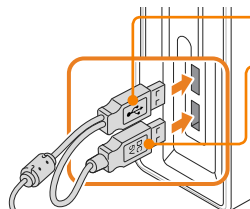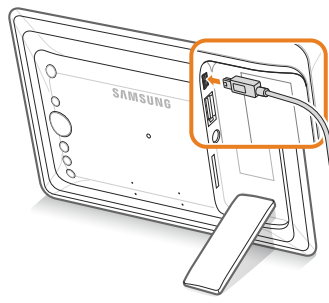
USB connector

Supplementary power connector

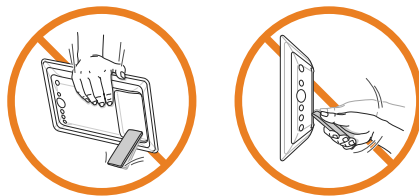**NOTE**
- For the SPF-87H, you can use the PC as the power source by connecting the USB connector, but if the screen blinks or does not turn on due to a power shortage, connect the supplementary power connector also.
- For the SPF-107H, only the USB connector is provided, and you are not able to use the PC as the power source.

Access the Main menus

Press and hold [↰] for more than 2 seconds or press it repeatedly until the Main menu screen appears.

Main menu screen

10 : 30 am

Photo
Clock
Settings

1 / 5 / 2009

Item	Description	More information
Photo	Browse photos stored in the internal memory or on an external memory device and access options.	p. 15
Clock	Set the current time and select a time format.	p. 19
Settings	Customize settings.	p. 20

When the Photo or Clock menu is selected

1 Press [MENU].

2 Press [▲/▼] or [◄/►] to select the menu you want, and then press [↵].

When the Settings menu is selected

Press [▲/▼] or [◄/►] to select the menu you want, and then press [↵].

To go back to the previous step

Press [↰].

To switch to the slideshow while browsing photos

Press [▶].

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Select a language for the screen display
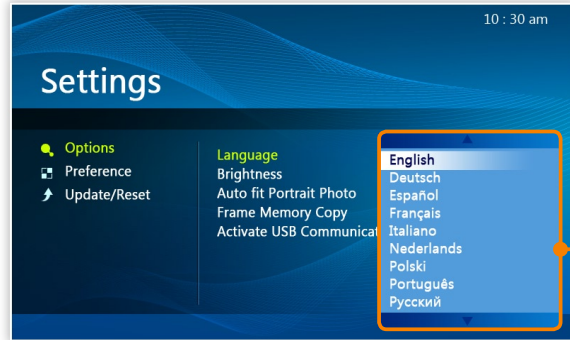
Settings screen

10 : 30 am		

Settings

- Options
- Preference
- Update/Reset

Language
Brightness
Auto fit Portrait Photo
Frame Memory Copy
Activate USB Communica

English
Deutsch
Español
Français
Italiano
Nederlands
Polski
Português
Русский

1 In the Main menu screen (p. 8), press [▲/▼] to select **Settings**, and then press [↵].

2 Press [▲/▼] to select **Options**, and then press [↵].

3 Press [▲/▼] to select **Language**, and then press [↵].

4 Press [▲/▼] to select a language you want, and then press [↵].

5 Press [▶] to switch to the slideshow.

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Transfer photos from a PC

Settings

10 : 30 am

Options
Preferen...
Update/F...

USB cable is connected.
Please select USB mode.

Mass Storage/Mini-Monitor

Digital Photo Frame
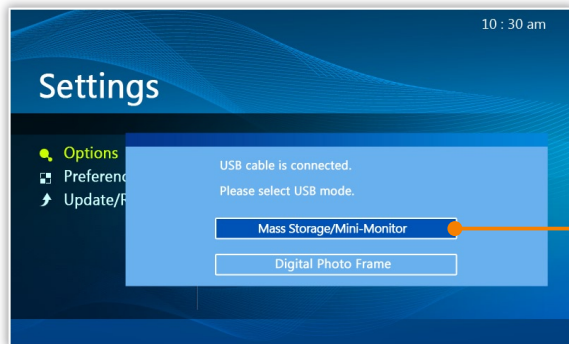
NOTE
- Some photos are embedded on the frame by default. When there is not enough memory, delete the photos.
- If the photos have high resolution, memory space will be limited and the preview will play slowly. See p. 16 for instructions on copying and automatically resizing your photos.
- If the USB connection mode window does not appear when you connect the frame to a PC, select **Activate USB Communication** in **Settings Options**. (p. 20)

To transfer photos from a PC

1 Connect the frame to a PC with the supplied USB cable. (p. 7)

NOTE When the frame is turned off, connect it to the PC first and then turn it on.

2 Press [▲/▼] to select **Mass Storage/Mini-Monitor**, and then press [⏎].

- The frame will be recognized as a removable disk.

NOTE If you connect the frame to a PC while using it as a mini-monitor (p. 23), you need to switch to Mass Storage mode by using the Frame Manager program. For more information, refer to the user manual of the Frame Manager.

3 Copy photos from the PC to the frame.

- The frame recognized as a removable disk will be displayed as SPF-87H or SPF-107H on the PC. Open the disk of the corresponding model in My Computer and copy the photos.

To disconnect the frame from a PC

Press [↩] after copying is done or disconnect the USB cable from the frame.

⚠ **Caution** Do not disconnect the USB cable while the photos are being copied, as this could result in loss of data and/or damage to the frame.

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Play a slideshow

Select a memory device for a slideshow

When there is an external memory device (SD memory card or USB memory device) connected, you can select the source of photos to play in a slideshow in the **Photo** menu.

Memory capacity (free space/total space)

NOTE If you turn the frame on, the embedded photos stored in the internal memory will be displayed in a slideshow.

To select a memory device

1 In the Main menu screen (p. 8), press [▲/▼] to select **Photo**, and then press [⏎].

2 Press [▲/▼] to select one of the following memory devices, and then press [⏎].

Item	Description
Frame memory	Internal memory
SD	SD memory card (external)
USB	USB memory device (external)

To pause or resume playing the slideshow

Press [⏎] during a slideshow.

Select a view mode for a slideshow

You can display a clock or calendar on a slideshow, or display multiple photos on one screen in a slideshow.

View modes

▲ Single

▲ Photo & Clock
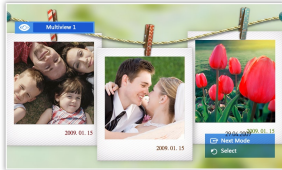
▲ Photo & Calendar

▲ Multiview1

▲ Multiview2

To select a view mode

1 Press [MENU] during a slideshow.

2 Press [▲/▼] to select **Slideshow Mode**, and then press
[↵].

3 Press [↵] repeatedly to select the view mode.

- Each time you press [↵], the view mode changes (**Single →
Photo & Clock → Photo & Calendar → Multiview 1 →
Multiview 2**).

4 When you are finished, press [↻].

OR

Press [▶] repeatedly during a slideshow to select a view
mode.

NOTE
- Set the current time before displaying the clock or calendar. (p. 19)
- In **Photo & Calendar** mode, you can press [▲/▼] to view the next or
previous month.
- During a slideshow, press [◀/▶] to view the next or previous photo.

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Select slideshow effects

You can select a transition effect, speed, and play mode for a slideshow.
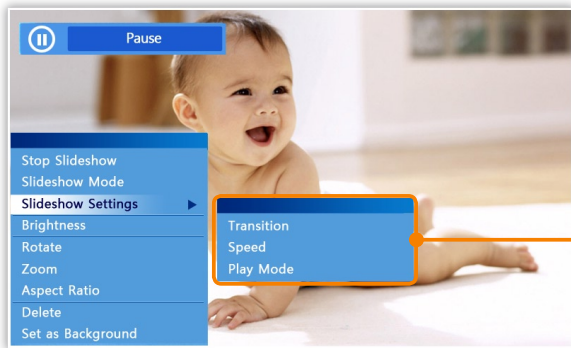
To select slideshow effects

1 Press [MENU] during a slideshow.

2 Press [▲/▼] to select **Slideshow Settings**, and then press [↵].

3 Press [▲/▼] to select one of the following menus, and then press [↵].

Item	Description
Transition	Select a transition effect (**No Effect**, **Fade**, **Blind**, **Cross Comb**, **Mosaic**, **Checker**, **Dissolve**, **Wipe**, **Extend**, **Silk**, **Corner Transition**, **Wheel**, **Ellipse**, **Random**).
Speed	Select a slideshow speed (**Fast**, **Normal**, **Slow**).
Play mode	• **All Photos**: Play all photos in order • **Photos in Folder**: Play all photos in the selected folder in order • **Shuffle all photos**: Play all photos in a random order • **Shuffle photos in folder**: Play all photos in the selected folder in a random order • **Repeat one photo**: Repeat the selected photo

4 Press [▲/▼] to select an option, and then press [↵].

5 Press [▶] to switch to the slideshow.

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Use slideshow menus

You can use slideshow menus to control a slideshow and adjust the slideshow settings.
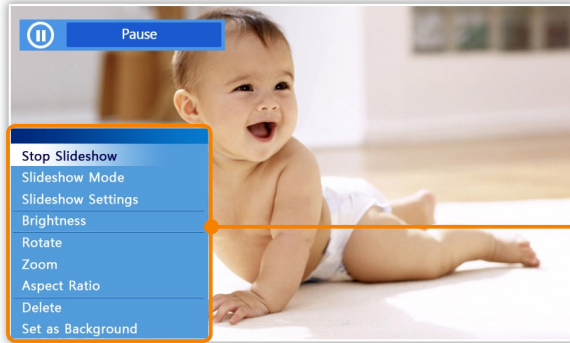
To use slideshow menus

1 Press [MENU] during a slideshow.

2 Press [▲/▼] to select one of the following menus, and then press [⏎].

Item	Description
Stop / Start Slideshow	Pause or resume the slideshow
Slideshow Mode	Select a view mode (p. 12)
Slideshow Settings	Select a transition effect or speed or play mode (p. 13)
Brightness	Adjust the brightness of the screen
Rotate	Rotate the selected photo (90˚, 180˚, 270˚)
Zoom	Zoom in on a selected photo (X2, X4)
Aspect Ratio	• **Original Fit**: Display photos in original size. When a photo is larger than the screen, it will be adjusted to fit the screen in the same ratio • **Auto Fit**: Resize photos to fit the screen • **Fit to Width**: Resize photos to fit the screen width
Delete	Delete the selected photo
Set as Background	Set a photo as a background image on the Main menu screen.

3 Press [▲/▼] or [◀/▶] to select an option, and then press [⏎].

4 Press [▶] to switch to the slideshow.

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Browse and manage photos 🌿

You can browse, copy, or delete photos stored in internal memory and external memory devices.

Browse photos

External memory device indicator
(🔌:USB memory device, 💾: SD memory card)

File name and size

Current file number/ total number of files
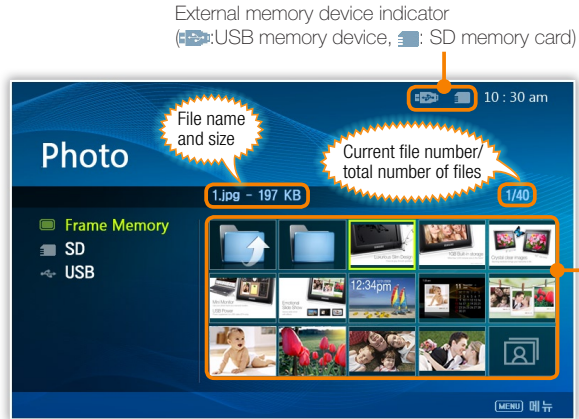
1 In the Main menu screen (p. 8), press [▲/▼] to select **Photo**, and then press [⏎].

2 Press [▲/▼] to select a memory device (**Frame memory**, **SD**, **USB**), and then press [⏎].

3 Press [▲/▼] or [◄/►] to browse photos.

   NOTE To view photos in a folder, select the folder, and then press [⏎].

4 Press [⏎] or [▶] to view a slideshow beginning with the currently selected photo.

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Copy photos ···

After connecting an external memory device (SD momory card or USB memory device) to the frame, you can copy photos from the external memory device to the frame and vice-versa.

```
                                    10 : 30 am

Photo

                                            1/13
   Frame M   Choose a device for file copy.
   SD                                    SD
   USB                         »»»       USB
                     1.jpg
```
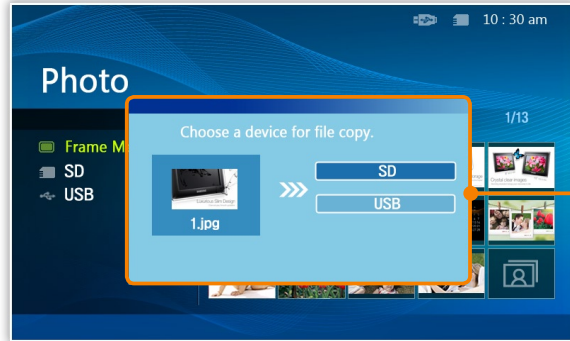
NOTE
- Photos copied to the frame will be automatically resized to be optimal for the screen. To copy the photos in their original sizes, select **Original Size** in **Settings → Options → Frame Memory Copy**. (p. 20)
- The resized photos will have lower resolution compared to the original photos, but with smaller file sizes, you can store more photos.

To copy photos

1 Select the photo you want to copy, and then press [MENU].
- To copy all photos in a folder, select the folder.

2 Press [▲/▼] to select **Copy**, and then press [↵].
- To copy all photos in the selected folder (subfolders not included), select **Copy all files**.

3 Press [▲/▼] to select a memory location, and then press [↵]. Copying will begin.

Example: To copy photos from a USB memory device to the internal memory,

1 In the Main menu screen (p. 8), press [▲/▼] to select **Photo**, and then press [↵].

2 Select **USB** in the **Photo** menu, and select the photos you want.

3 Press [MENU].

4 Press [▲/▼] to select **Copy**, and then press [↵].

5 Press [▲/▼] to select **Frame Memory**, and then press [↵].

16
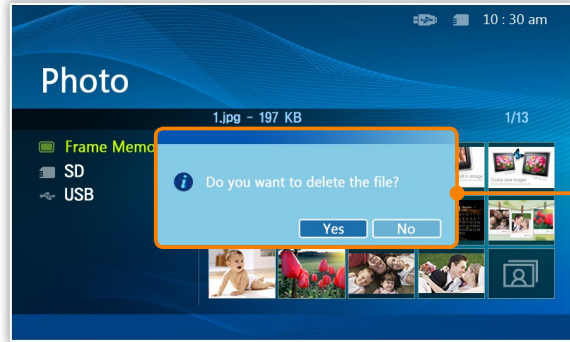
Delete photos

1 In the Main menu screen (p. 8), press [▲/▼] to select **Photo**, and then press [⏎].

2 Select the photo you want to delete, and then press [MENU]. To delete all photos in a folder, select the folder.

3 Press [▲/▼] to select **Delete**, and then press [⏎]. To delete all photos in the selected folder (subfolders not included), select **Delete All Files**.

4 Press [◀/▶] to select **Yes**, and then press [⏎]. Photos will be deleted.

5 Press [⏎] on the pop-up window.
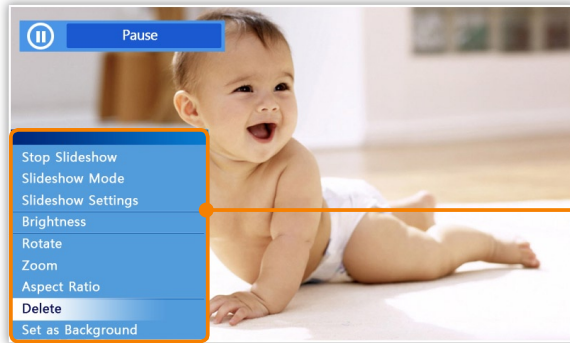
To delete a photo during a slideshow

1 Press [MENU] when the photo you want to delete is displayed during a slideshow.

2 Press [▲/▼] to select **Delete**, and then press [⏎].

3 Press [▲/▼] to select **Yes**, and then press [⏎].

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Use photo menus
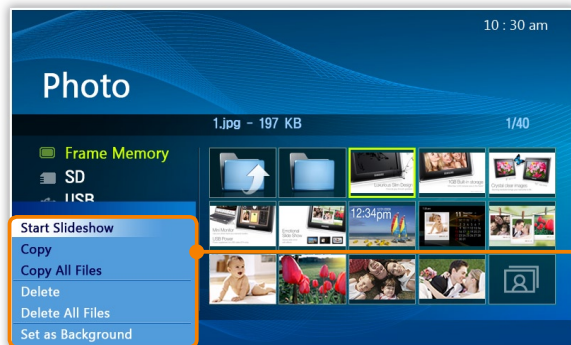
Example: Photo set as a background image

1 Press [MENU] while browsing photos.

2 Press [▲/▼] to select one of the following menus, and then press [⏎].

When you select a folder,

Item	Description
Open	Open the selected folder
Copy	Copy the selected folder to another memory device
Delete	Delete the selected folder (p. 17)

When you select a photo,

Item	Description
Start slideshow	Play a slideshow
Copy	Copy the selected photo to another memory device (p. 16)
Copy All Files	Copy all photos in the selected folder (subfolders not included) to another memory device (p. 16)
Delete	Delete the selected photo (p. 17)
Delete All Files	Delete all photos in the selected folder (subfolders not included) (p. 17)
Set as Background	Set the selected photo as a background image on the Main menu screen

18

Customize clock settings

You can use the clock menus to set the current time and select a clock type.
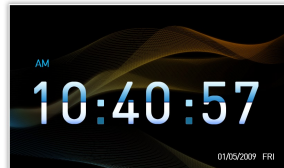
▲ Digital
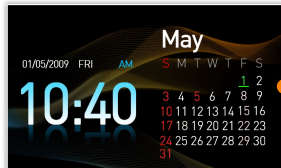
▲ Clock & Calandar

To customize clock settings

1 In the Main menu screen (p. 8), press [▲/▼] to select **Clock**, and then press [↵].

2 Press [MENU].

3 Press [▲/▼] to select one of the following menus, and then press [↵].

Item	Description
Date and Time	Set the current date and time
Time Format	Select how time is displayed (**12 hours**, **24 hours**)
Date Format	Select how dates are displayed (**YYYY/MM/DD**, **MM/DD/YYYY**, **DD/MM/YYYY**)
Clock Type	Select the clock type (**Digital**, **Clock & Calendar**)

4 Press [▲/▼] to select an option you want, and then press [↵].

> **NOTE** For **Date and Time**, press [◀/▶] to select the option you want and press [▲/▼] to set the value.

Customize settings

You can use **Settings** menus to define frame settings according to your preferences.

Options menus

```
                                           10 : 30 am

Settings

⚲ Options          Language              : English
⬚ Preference       Brightness
↗ Update/Reset     Auto Fit Portrait Photo   : Off
                   Frame Memory Copy         : Resized
                   Activate USB Communication
```

1 In the Main menu screen (p. 8), press [▲/▼] to select **Settings** and then press [⏎].

2 Press [▲/▼] to select **Options**, and then press [⏎].

3 Press [▲/▼] to select one of the following menus, and then press [⏎].

Item	Description
Language	Select a language for the display (p. 9)
Brightness	Adjust the brightness of the screen
Auto Fit Portrait Photo	• **On**: Display portrait photos in reduced sizes to fit to the screen • **Off**: Display portrait photos in their original sizes
Frame Memory Copy	• **Original Size**: Copy photos in their original sizes • **Resized**: Copy photos in reduced sizes for optimal resolution on the screen
Activate USB Communication	Select a USB mode to be activated when the frame is connected to a PC • **Mass Storage/Mini-Monitor**: Use the frame as a removable disk or supplementary monitor • **Digital Photo Frame**: Use the frame as a digital photo frame. (For SPF-87H, when you want to use the PC as a power source.)

4 Press [▲/▼] or [◄/►] to select an option, and then press [⏎].

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Preference menus

10 : 30 am

Settings

🔍 Options
🔳 **Preference**
⚡ Update/Reset

Starting Mode	: Slideshow
Screen Saver	: Slideshow
Home Background	: Default
Auto Picture On/Off	

1 In the Main menu screen (p. 8), press [▲/▼] to select **Settings** and then press [⏎].

2 Press [▲/▼] to select **Preference**, and then press [⏎].

3 Press [▲/▼] to select one of the following menus, and then press [⏎].

Item	Description
Starting Mode	Select a mode to be activated when the frame is turned on • **Home**: Start with the Main menu • **Last Mode**: Start with the mode you used last • **Slideshow**: Start with a slideshow
Screen Saver	Select a screensaver (**Slideshow**/**Clock**) to display when the frame is not used for a certain period of time (about 10 minutes)
Home Background	Select an image to display on the Main menu screen • **Default**: Display the default image • **Custom**: Display an image you have previously selected
Auto Picture On/Off	Set the time for the screen to turn on or off automatically (for example, you can set the screen to turn off when you go to sleep or turn on when you wake up in the morning) 🔅 **NOTE** When the screen is off, press any button except for [⏻] to turn it back on again.

4 Press [▲/▼] or [◄/►] to select an option, and then press [⏎].

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Update/Reset menus

Settings
10 : 30 am

Options
Preference
Update/Reset

Firmware Update
Reset Settings
Product Information

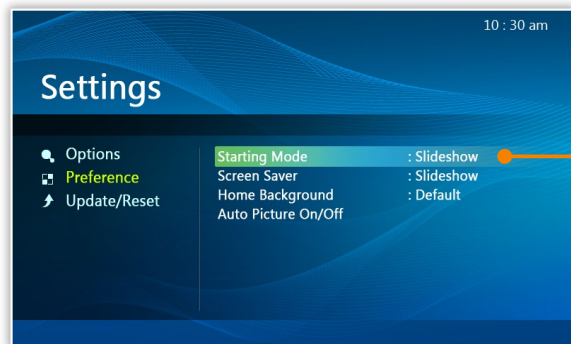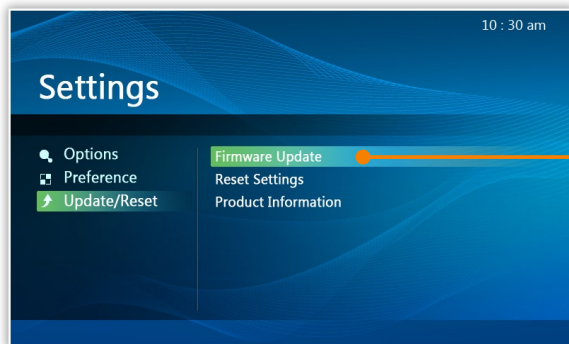*1* In the Main menu screen (p. 8), press [▲/▼] to select **Settings**, and then press [↵].

2 Press [▲/▼] to select **Update/Reset**, and then press [↵].

3 Press [▲/▼] to select one of the following menus, and then press [↵].

Item	Description
Firmware Update	Update the firmware (you need to copy firmware files to the internal memory first)
Reset Settings	Reset all menu options to the default settings (except for the time and language settings)
Product Information	Display the model name and firmware version

4 Press [▲/▼] or [◄/►] to select an option, and then press [↵].

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Appendix

Use as a PC mini-monitor

You can use the frame as a mini-monitor (supplementary monitor). Install the Frame Manager program on your PC and connect the frame to the PC. For more information, visit the Samsung Electronics webpage (http://www.samsung.com/) and search for SPF-87H or SPH-107H.

System requirements for using the frame as a mini-monitor

- OS: Windows XP SP2, Vista (32bit)
- USB: Extended Host Controller (EHCT) for USB 2.0
- RAM: 256 MB or more
- CPU: 2.4G Hz or more

Before use

- Read the Frame Manager User Manual to install the program properly.
- Use the USB cable provided with the frame.
- Do not use the frame as a primary monitor. The screen may not work properly.
- Only the [⏻], [MENU], [▲/▼] and [↩] buttons are active when you use the frame as a mini-monitor.
- If you have moved a program icon or window to the secondary monitor, move it back to the primary monitor after use.
- The frame may not function properly with some video cards. In this case, set the hardware acceleration to **None**.

  To set the hardware acceleration to **None**,
  1. Right-click on the Windows desktop, and select **Properties**.
  2. When the **Display Properties** window appears, select **Settings** > **Advanced** > **Troubleshoot** > **Hardware acceleration** and drag the indicator to **None**.

- For Windows Vista, the Aero effect may not function while using the frame as a mini-monitor and some videos may not play on the frame.

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Firmware update

Download the latest firmware from the Samsung Electronics webpage and update your frame.

10 : 30 am

Settings

- Options
- Preference
- Update/Reset

Firmware Update
Reset Settings
Product Information
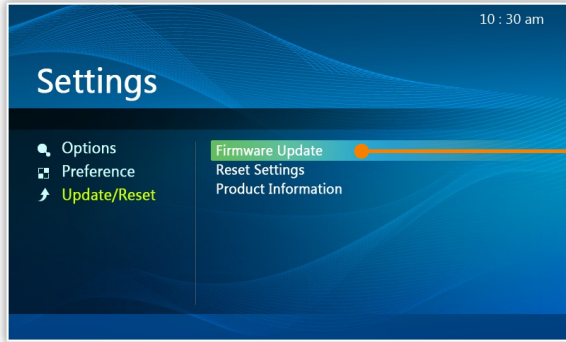
NOTE
- While the update is in progress,
  - Do not disconnect the external device (SD memory card or USB memory device) from the frame.
  - Do not press any buttons.
  - Do not insert any other memory cards.
  - Do not turn off the frame.
- You can check whether or not the firmware is updated to the latest version in **Settings → Update/Reset → Product Information**.

1 Visit http://www.samsung.com and search for SPF-87H or SPF-107H.

2 Follow the on-screen instructions to download the firmware.

3 Connect the external memory device (SD memory card or USB memory device) to the PC.

4 Copy the latest firmware you have downloaded to the external memory device.

5 Disconnect the external memory device from the PC and then connect it to the frame.

6 In the Main menu screen (p. 8), press [▲/▼] to select **Settings** and then press [↵].

7 Press [▲/▼] to select **Update/Reset** and then press [↵].

8 Select **Firmware Update** and then press [↵].

- Firmware is updated.

9 When the update is done, turn off the frame, remove the external memory device (SD memory card or USB memory device), and turn back on the frame.

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Troubleshooting

Try the following if you have trouble using the frame.

Issue	Resolution
The frame will not turn on.	Check if the power cable is connected properly.
When connecting the frame to a PC with the USB connector, the screen blinks and the frame turns off automatically.	There may be a problem with the USB port of the PC. Connect the supplementary power connector as well.
There is light leaking along the border of the clock screen.	If the screen is black, there may be light showing through the panel due to the characteristics of the LCD panel. This is normal.
The time setting is not correct.	When the power adapter is disconnected for a long period of time, the current time settings may be lost. Connect the power adapter at all times.
It takes time for an image to display when the frame is turned on or during a slideshow.	If the resolution of a photo is high or the file size is large it may take longer to display.
Even though there is free space left on the internal memory, photos will not copy there.	Make a folder inside the internal memory to copy photos.
External devices (USB memory device or SD memory card) do not function properly.	• Check if the devices are connected properly. • Check if the photos stored in the external memory devices are in JPEG format. Corrupted or damaged files will not display. • The device may not be supported by the frame. Try another device.
Portrait photos display in a landscape orientation.	Check if **Auto Fit Portrait Photo** is **On** in **Settings → Options**.
JPEG photos do not play.	• JPEG photos saved in Progressive or CMYK modes will not display. • JPEG photos edited by image editors (e.g., Photoshop or Paintshop) may not display properly. Save photos in JPEG format after editing on a PC and play the slideshow again.

troubleshooting (continued)

Issue	Resolution
Some photos will not display in a slideshow.	Your frame can read up to 4,000 photos. Photos exceeding this limit will not display in a slideshow.
The sizes of photos change when rotate the photos.	Photos will change size automatically fit the screen according to the degree of rotation (90˚, 270˚).
The proportion of a photo is not correct.	During a slideshow, press [MENU] and select **Aspect Ratio → Original Fit**.
The clock displays on the screen even when **Photo & Clock** view mode is not selected.	Check if **Screen Saver** is set to **Clock** in **Settings → Preference**.
The preview plays slowly.	When there are many photos or large file sizes, the preview may be slow.
Even when there is only one photo on the memory card or the slideshow is paused, the slideshow effect is applied to the photo.	The effect is applied to protect the panel.
In what order are the photos displayed on a memory card?	The photos are arranged by file names, in the order of number – upper case letter – lower case letter. The maximum recognized length of a file name is 25 characters.
The slideshow will not start automatically.	Check if **Starting Mode** is set to **Slideshow** in **Settings → Preference**. (p. 21)
I activated the **Auto Picture On/Off** feature, but the screen does not turn on automatically.	• Check if the current time is set correctly. • If you have pressed [⏻] to turn the frame off when the **Auto Picture On/Off** feature is activated, the screen does not turn on automatically. The screen turns on automatically only when the screen was turned off automatically via the **Off Time** setting.
I want to reset the frame.	Select **Reset Settings** in **Settings → Update/Reset**.
The frame is not recognized as a removable disk when connected to a PC with the USB cable.	There are 2 USB connectors for the SPF-87H. When only the supplementary power connector (DV 5V) is connected, the frame will not be recognized as a removable disk. Connect the USB connector also (⚓). (p. 7)

Specifications

Model name		SPF-87H	SPH-107H
Panel	Type	8" TFT LCD	10" TFT LCD
	Resolution	800 x 480	1024 x 600
File formats		JPEG (Progressive and CMYK formats not supported)	
Built-in memory		1GB	
USB		Host (USB 1.1) / Device (USB 2.0)	
Power	Rating	External DC 12V	
	Consumption	On: 5.2 W / Off: less than 1 W	On: 5.9 W / Off: less than 1 W
General	Dimension (W x H x D)	236.0 mm x 159.4 mm x 23.0 mm	280.0 mm x 188.0 mm x 23.0 mm
	Weight	500 g	600 g

* The design of the product may vary according to the model. Specifications are subject to change without notice.
* This device is a class B digital apparatus.

Correct disposal of the frame

Dispose of the product according to local regulations and applicable laws.

Regulatory Compliance Statements

Your Samsung product compliance class is marked in the user manual.

- Federal Communications Commission (FCC) - USA
- Industry Canada Equipment Standard for Digital Equipment (ICES-003) - Canada
- Voluntary Control Council for Interference (VCCI) - Japan
- Bureau of Standards Metrology and Inspection (BSMI) - Taiwan
- Ministry of Information and Communication (MIC) - Republic of Korea
- Italian Post Ministry (Homologation) - Italy

FCC Class B Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Regulatory Compliance Statements (continued)

User Information

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. If necessary, consult with your dealer or an experienced radio/television technician for additional suggestions. You may find the booklet called "How to Identify and Resolve Radio/TV Interference Problems" helpful. This booklet was prepared by the Federal Communications Commission. It is available from the U.S. Government Printing Office. Washington, DC 20402, Stock Number 004-000-00345-4.

The party responsible for product compliance:

SAMSUNG ELECTRONICS CO., LTD.
America QA Lab of Samsung
3351 Michelson Drive
Suite #290, Irvine, CA 92612 USA

Warning

User must use shielded signal interface cables to maintain FCC compliance for the product. Provided with this monitor is a detachable power supply cord with IEC320 style terminations. It may be suitable for connection to any UL listed personal computer with similar configuration. Before making the connection, make sure the voltage rating of the computer convenience outlet is the same as the monitor and that the ampere rating of the computer convenience outlet is equal or exceeds the monitor voltage rating. For 120-volt applications, use only UL listed detachable power cords with NEMA configuration 5-15P type (parallel blades) plug caps. For 240-volt applications use only UL listed detachable power supply cords with NEMA configuration 6-15P type (tandem blades) plug caps. This television receiver provides display of television closed captioning in accordance with Section 15.119 of the FCC rules. (TV broadcast receivers with picture screens 13 inches or larger in diameter models only)

ICES-003 Class B Notice - Avis NMB-003, Classe B

This Class B digital apparatus complies with Canadian standard ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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Regulatory Compliance Statements (continued)

VCCI Class B Notice

この装置は、情報処理装置等電波障害自主規制協議(VCCI)の基準に基づくクテスB情報技術装置です。
この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して 使用されると、
受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

警告使用者

這是甲類資訊類產品，在居住環境中使用時，可能會造成射頻幹擾，在這種情況下，
使用者會被要求採取某些適當的對策。

European Notice (Europe Only)

Products with the CE marking comply with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms:
• EN55022: Radio Frequency Interference
• EN55024: Electromagnetic Immunity of Information Technology Equipment
• EN61000-3-2: Power Line Harmonics
• EN61000-3-3: Voltage Fluctuations
• EN55013: Radio disturbance characteristics of broadcast receivers and associated equipments
• EN55020: Electromagnetic immunity of broadcast receivers and associated equipments

Regulatory Compliance Statements (continued)

Italian Homologation Notice

Questo apparecchio e fabbricato in conformita al D.M.28.08.95 n.548
ed in particolare a quanto specificato nell Art.2, comma 1.
Questo apparecchio e fabbricato nella U.E. in conformita al D.M.28.08.95 n.548
Art.2, comma 1 ed al D.M.26.03.92 Art.1
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  ed in particolare a quanto specificato nell Art.2, comma 1.
-. For products produced in the European Community
  Questo apparecchio e fabbricato nella U.E. in conformita al D.M.28.08.95 n.548
  Art.2, comma 1 ed al D.M.26.03.92 Art.1

Russia Only - PCT Notice

AE95

Mercury Statement (USA only)

Contains Mercury, Dispose According to Local, State or Federal Laws

Regulatory Compliance Statements (continued)

Wiring the Mains Power Supply Plug (UK Only)

IMPORTANT NOTICE

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved to BSI1362 of the same rating must be used.

Never use a plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety-approved extension lead or consult your dealer for assistance. However, if there is no alternative but to cut off the plug, remove the fuse and then safely dispose of the plug.

Do NOT connect the plug to a mains socket as there is a risk of shock hazard from the bared flexible cord.

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

BLUE - NEUTRAL; BROWN - LIVE

As these colours may not correspond to the coloured markings identifying the terminals in your plug,

proceed as follows :

The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

WARNING:

DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL, WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL ⏚, OR COLOURED GREEN OR GREEN AND YELLOW.

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Contact information of SAMSUNG WORLDWIDE

If you have any questions or comments relating to Samsung products, please contact

Region	Country	Contact Center	Web Site
North America	CANADA	1-800-SAMSUNG (726-7864)	www.samsung.com/ca
	MEXICO	01-800-SAMSUNG (726-7864)	www.samsung.com/mx
	U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com/us
Latin America	ARGENTINA	0800-333-3733	www.samsung.com/ar
	BRAZIL	0800-124-4214004-0000	www.samsung.com/br
	CHILE	800-SAMSUNG (726-7864)	www.samsung.com/cl
	COLOMBIA	01-8000112112	www.samsung.com.co
	COSTA RICA	0-800-507-7267	www.samsung.com/latin
	ECUADOR	1-800-10-7267	www.samsung.com/latin
	EL SALVADOR	800-6225	www.samsung.com/latin
	GUATEMALA	1-800-299-0013	www.samsung.com/latin
	HONDURAS	800-7919267	www.samsung.com/latin
	JAMAICA	1-800-234-7267	www.samsung.com/latin
	NICARAGUA	00-1800-5077267	www.samsung.com/latin
	PANAMA	800-7267	www.samsung.com/latin
	PUERTO RICO	1-800-682-3180	www.samsung.com/latin
	REP. DOMINICA	1-800-751-2676	www.samsung.com/latin
	TRINIDAD & TOBAGO	1-800-SAMSUNG (726-7864)	www.samsung.com/latin
	VENEZUELA	0-800-100-5303	www.samsung.com/latin

Contact information of SAMSUNG WORLDWIDE (continued)

Region	Country	Contact Center	Web Site
Europe	AUSTRIA	0810 - SAMSUNG (726-7864) (€ 0.07/min)	www.samsung.com/at
	BELGIUM	02 201 2418	www.samsung.com/be (Dutch) www.samsung.com/be_fr (French)
	CZECH REPUBLIC	800 - SAMSUNG (800-726786)	www.samsung.com/cz
		Samsung Zrt., česká organizační složka, Oasis Florenc, Sokolovská394/17, 180 00, Praha 8	
	DENMARK	8 - SAMSUNG (7267864)	www.samsung.com/dk
	EIRE	0818 717 100	www.samsung.com/ie
	FINLAND	30 - 6227 515	www.samsung.com/fi
	FRANCE	01 4863 0000	www.samsung.com/fr
	GERMANY	01805 - SAMSUNG (726-7864) (€ 0,14/Min)	www.samsung.de
	HUNGARY	06-80-SAMSUNG (726-7864)	www.samsung.com/hu
	ITALIA	800-SAMSUNG (726-7864)	www.samsung.com/it
	LUXEMBURG	02 261 03 710	www.samsung.com/lu
	NETHERLANDS	0900-SAMSUNG (726-7864) (€ 0,10/Min)	www.samsung.com/nl
	NORWAY	3 - SAMSUNG (726-7864)	www.samsung.com/no
	POLAND	0 801 1SAMSUNG (1-726-78)022-607-93-33	www.samsung.com/pl
	PORTUGAL	80820-SAMSUNG (726-7864)	www.samsung.com/pt
	SLOVAKIA	0800-SAMSUNG (726-7864)	www.samsung.com/sk
	SPAIN	902 - 1 - SAMSUNG (902-1726-678)	www.samsung.com/es
	SWEDEN	075 - SAMSUNG (726-7864)	www.samsung.com/se
	SWITZERLAND	0848 - SAMSUNG (726-7864) (CHF 0.08/min)	www.samsung.com/ch
	U.K	0845 SAMSUNG (726-7864)	www.samsung.com/uk

Contact information of SAMSUNG WORLDWIDE (continued)

Region	Country	Contact Center	Web Site
CIS	ESTONIA	800-7267	www.samsung.com/ee
	KAZAKHSTAN	8-10-800-500-55-500	www.samsung.com/kz_ru
	KYRGYZSTAN	00-800-500-55-500	
	LATVIA	8000-7267	www.samsung.com/lv
	LITHUANIA	8-800-77777	www.samsung.com/lt
	RUSSIA	8-800-555-55-55	www.samsung.ru
	TADJIKISTAN	8-10-800-500-55-500	
	UKRAINE	8-800-502-0000	www.samsung.ua
	UZBEKISTAN	8-10-800-500-55-500	www.samsung.com/kz_ru
Asia Pacific	AUSTRALIA	1300 362 603	www.samsung.com/au
	CHINA	800-810-5858 400-810-5858 010-6475 1880	www.samsung.com/cn
	HONG KONG	3698-4698	www.samsung.com/hk
	INDIA	3030 8282 1800 110011 1800 3000 8282	www.samsung.com/in
	INDONESIA	0800-112-8888	www.samsung.com/id
	JAPAN	0120-327-527	www.samsung.com/jp
	MALAYSIA	1800-88-9999	www.samsung.com/my
	NEW ZEALAND	0800 SAMSUNG (0800-726-786)	www.samsung.com/nz

Contact information of SAMSUNG WORLDWIDE (continued)

Region	Country	Contact Center	Web Site
Asia Pacific (continued)	PHILIPPINES	1-800-10-SAMSUNG (726-7864) 1-800-3-SAMSUNG (726-7864) 02-5805777	www.samsung.com/ph
	SINGAPORE	1800-SAMSUNG (726-7864)	www.samsung.com/sg
	TAIWAN	0800-329-999	www.samsung.com/tw
	THAILAND	1800-29-323202-689-3232	www.samsung.com/th
	VIETNAM	1 800 588 889	www.samsung.com/vn
Middle East & Africa	MIDDLE EAST & AFRICA	0860-SAMSUNG (726-7864)	www.samsung.com/za
	TURKEY	444 77 11	www.samsung.com/tr
	U.A.E	800-SAMSUNG (726-7864) 8000-4726	www.samsung.com/ae

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